

#### FIGURE 1

10 30 TTCGGCACGAGAGCTCTTCTCACAGGACCAGCCACTAGCGCACCTCGAGCGATGGCCTAT M A Y 90 110 GTCCCCGCACCGGGCTACCAGCCCACCTACAACCCGACGCTGCCTTACTACCAGCCCATC V P A P G Y Q P T Y N P T L P Y Y Q P I 150 170 CCGGGCGGCTCAACGTGGGAATGTCTGTTTACATCCAAGGAGTGGCCAGCGAGCACATG P G G L N V G M S V Y I Q G V A S E H M 190 210 230 AAGCGGTTCTTCGTGAACTTTGTGGTTGGGCAGGATCCGGGCTCAGACGTCGCCTTCCAC K R F F V N F V V G Q D P G S D V A F H 270 290 TTCAATCCGCGGTTTGACGGCTGGGACAAGGTGGTCTTCAACACGTTGCAGGGCGGGAAG NPRFDGWDKVVFNTLQGGK 310 330 350 TGGGGCAGCGAGGAGGAAGAGGAGCATGCCCTTCAAAAAGGGTGCCGCCTTTGAGCTG W G S E E R K R S M P F K K G A A F E L 370 390 410 GTCTTCATAGTCCTGGCTGAGCACTACAAGGTGGTGGTAAATGGAAATCCCTTCTATGAG V F I V L A E H Y K V V V N G N P F Y E 430 450 470 TACGGGCACCGGCTTCCCCTACAGATGGTCACCCACCTGCAAGTGGATGGGGATCTGCAA Y G H R L P L Q M V T H L Q V D G D L Q 510 530 CTTCAATCAATCAACTTCATCGGAGGCCAGCCCCTCCGGCCCCAGGGACCCCCGATGATG LQSINFIGGQPLRPQGPPMM 550 570 590 CCACCTTACCCTGGTCCCGGACATTGCCATCAACAGCTGAACAGCCTGCCCACCATGGAA PPYPGPGHCHQQLNSLPTME 610 630 650 GGACCCCCAACCTTCAACCCGCCTGTGCCATATTTCGGGAGGCTGCAAGGAGGGCTCACA G P P T F N P P V P Y F G R L Q G G L T 670 690 710 GCTCGAAGAACCATCATCAAGGGCTATGTGCCTCCCACAGGCAAGAGCTTTGCTATC A R R T I I K G Y V P P T G K S F A I 730 750 770  ${\tt AACTTCAAGGTGGGCTCCTCAGGGGACATAGCTCTGCACATTAATCCCCGCATGGGCAAC}$ N F K V G S S G D I A L H I N P R M G N 790 810 830 GGTACCGTGGTCCGGAACAGCCTTCTGAATGGCTCGTGGGGATCCGAGGAGAAGAAGATC G T V V R N S L L N G S W G S E E K K I 850 870 890 ACCCACAACCCATTTGGTCCCGGACAGTTCTTTGATCTGTCCATTCGCTGTGGCTTGGAT THNPFGPGQFFDLSIRCGLD 930 950 CGCTTCAAGGTTTACGCCAATGGCCAGCACCTCTTTGACTTTGCCCATCGCCTCTCGGCC R F K V Y A N G Q H L F D F A H R L S A 970 990 1010 TTCCAGAGGGTGGACACATTGGAAATCCAGGGTGATGTCACCTTGTCCTATGTCCAGATC F Q R V D T L E I Q G D V T L S Y V Q I 1030 1050 1070 TAATCTATTCCTGGGGCCATAACTCATGGGAAAACAGAATTATCCCCTAGGACTCCTTTC 1110 1130

## FIGURE 2A

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TGCCTTCCTCAGCCGCAGCAGCACCTGGGGGCTCCAGCTGCTGGAAATCCTACCATCCCAG GAGGCAGGCAGGCAGGGAGAGGGGGAGTGGGCAGTGAAGATGAAGCCCCATGCTCA GGTGGGAGGTGGCCTCTCAGCCCTCTCTCTGACCTTTAACCTCACTCTCACCTTGCA CCGTGCACCAACCCTTCACCCCTCCTGGAAAGCAGGCCTGATGGCTTCCCACTGGCCTCC ACCACCTGACCAGAGTGTTCTCTTCAGAGGACTGGCTCCTTTCCCAGTGTCCTTAAAATA 

10 30 50 ACACCAGTCTTTGGGGCCAGTGCCTCAGTTTCAATCCAGGTAACCTTTAAATGAAACTTG 90 110 CCTAAAATCTTAGGTCATACACAGAAGAGACTCCAATCGACAAGAAGCTGGAAAAGAATG 150 170 ATGTTGTCCTTAAACAACCTACAGAATATCATCTATAACCCGGTAATCCCGTTTGTTGGC M L S L N N L Q N I I Y N P V I P F V G 190 210 230 ACCATTCCTGATCAGCTGGATCCTGGAACTTTGATTGTGATACGTGGGCATGTTCCTAGT TIPDQLDPGTLIVIRGHVPS 270 290 GACGCAGACAGATTCCAGGTGGATCTGCAGAATGGCAGCAGTGTGAAACCTCGAGCCGAT A D R F Q V D L Q N G S S V K P R A D 310 330 350 GTGGCCTTTCATTTCAATCCTCGTTTCAAAAGGGCCGGCTGCATTGTTTGCAATACTTTG V A F H F N P R F K R A G C I V C N T L 370 390 410 ATAAATGAAAAATGGGGACGGGAAGAGATCACCTATGACACGCCTTTCAAAAGAGAAAAG I N E K W G R E E I T Y D T P F K R E K 450 470 TCTTTTGAGATCGTGATTATGGTGCTAAAGGACAAATTCCAGGTGGCTGTAAATGGAAAA S F E I V I M V L K D K F Q V A V N G K 490 510 530 CATACTCTGCTCTATGGCCACAGGATCGGCCCAGAGAAAATAGACACTCTGGGCATTTAT HTLLYGHRIGPEKIDTLGIY 570 GGCAAAGTGAATATTCACTCAATTGGTTTTAGCTTCAGCTCGGACTTACAAAGTACCCAA 590 G K V N I H S I G F S F S S D L Q S T Q 610 630 650 GCATCTAGTCTGGAACTGACAGAGATAGTTAGAGAAAATGTTCCAAAGTCTGGCACGCCC A S S L E L T E I V R E N V P K S G T P 690 71.0 CAGCTTAGCCTGCCATTCGCTGCAAGGTTGAACACCCCCATGGGCCCTGGACGAACTGTC Q L S L P F A A R L N T P M G P G R T V 730 750 770 GTCGTTAAAGGAGAAGTGAATGCAAATGCCAAAAGCTTTAATGTTGACCTACTAGCAGGA V V K G E V N A N A K S F N V D L L A G 790 810 830 AAATCAAAGGATATTGCTCTACACTTGAACCCACGCCTGAATATTAAAGCATTTGTGAGA K S K D I A L H L N P R L N I K A F V R 850 870 890 AATTCTTTCTTCAAGAGTCCTGGGGAGAAGAGAGAGAAATATTACCGCTTTCCCATTT NSFLQESWGEEERNITAFPF 930 950 AGTCCTGGGATGTACTTTGAGATGATAATTTATTGTGATGTTAGAGAATTCAAGGTTGCA P G M Y F E M I I Y C D V R E F K V A 990 1010 GTAAATGGCGTACACAGCCTGGAGTACAAACACAGATTTAAAGAGCTCAGCAGTATTGAC NGVHSLEYKHRFKELSSID 1030 1050 1070 T L E I N G D I H L L E V R S W \*

### FIGURE 3B

1090	1110	1130
ACAGCTGCTACAAAAACCA		TGATACTGGCCTTGCTGAAACG
1150	1170	1190
CATCTCACTGTCATTCTAT	TGTTTATATTGTTAAAATG	AGCTTGTGCACCATTAGGTCCT
1210	1230	1250
GCTGGGTGTTCTCAGTCCT	TGCCATGAAGTATGGTGGT	GTCTAGCACTGAATGGGGAAAC
1270	1290	1310
TGGGGGCAGCAACACTTAT	AGCCAGTTAAAGCCACTCT	GCCCTCTCTCCTACTTTGGCTG
1330	1350	1370
ACTCTTCAAGAATGCCATT	CAACAAGTATTTATGGAGT	CCTACTATATACAGTAGCTAAC
1390	1410	1430
ATGTATTGAGCACAGATTT		GCTAGGGTATATCCTTGGGAAC
1450	1470	SCINGGGIATATCCT-TGGGAAC
AAACCAGAATGTCCTGTCC		A

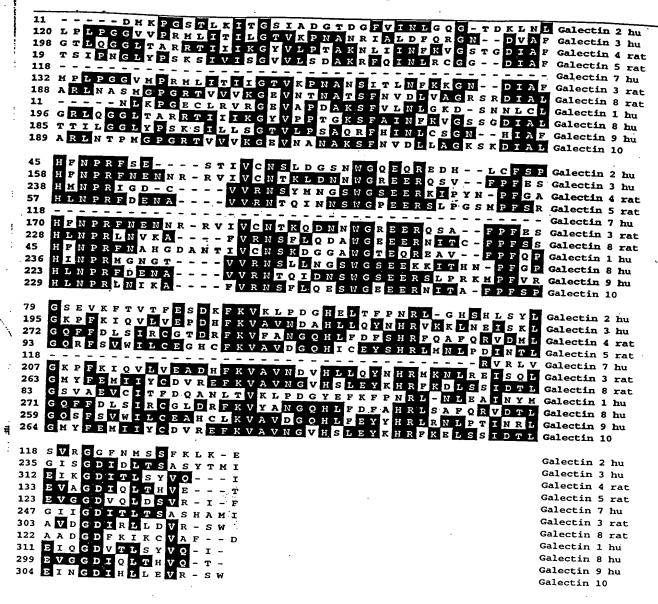
OSHOJES, SITTES

### Figure 4A

ACACCAGTCTTTGGGGCCAGTGCCTCAGTTTCAATCCAGGTAACCTTTAAATGAAACTTG CCTAAAATCTTAGGTCATACACAGAAGAGACTCCAATCGACAAGAAGCTGGAAAAGAATG ATGTTGTCCTTAAACAACCTACAGAATATCATCTATAACCCGGTAATCCCGTTTGTTGGC M L S L N N L Q N I I Y N P V I P F V G ACCATTCCTGATCAGCTGGATCCTGGAACTTTGATTGTGATACGTGGGCATGTTCCTAGT TIPDQLDPGTLIVIRGHVPS GACGCAGACAGATTCCAGGTGGATCTGCAGAATGGCAGCAGCATGAAACCTCGAGCCGAT D A D R F Q V D L Q N G S S M K P R A D GTGGCCTTTCATTCAATCCTCGTTTCAAAAGGGCCGGCTGCATTGTTTGCAATACTTTG V A F H F N P R F K R A G C I V C N T L ATAAATGAAAAATGGGGACGGGAAGAGATCACCTATGACACGCCTTTCAAAAGAGAAAAG INEKWGREEITYDTPFKREK TCTTTTGAGATCGTGATTATGGTGCTGAAGGACAAATTCCAGGTGGCTGTAAATGGAAAA SFEIVIMVLKDKFOVAVNGK CATACTCTGCTCTATGGCCACAGGATCGGCCCAGAGAAAATAGACACTCTGGGCATTTAT H T L L Y G H R I G P E K I D T L G I Y GGCAAAGTGAATATTCACTCAATTGGTTTTAGCTTCAGCTCGGACTTACAAAGTACCCAA G K V N I H S I G F S F S S D L O S T O GCATCTAGTCTGGAACTGACAGAGATAAGTAGAGAAAATGTTCCAAAGTCTGGCACGCCC A S S L E L T E I S R E N V P K S G T P CAGCTTGTGAGTATTTTTGCCTGGGTTATTTCATGTGGAATATTTTATAAAGTTGCATAG Q L V S I F A W V I S C G I F Y K V A \* TGTTTCCCTACAGCCTAGTAATAGAGGAGGAGACATTTCTAAAATCGCACCCAGAACTGT CTACACCAAGAGCAAAGATTCGACTGTCAATCACACTTTGACTTGCACCAAAATACCACC TATGAACTATGTGTCAAAGGGTTTGAAGAGCACCAAATTTTCTTAACTCTATATAAAAAT TAAGTTGTAATGAGCTGTTACGAGTAACCTGTATCCACAATAGAGGCCCCAAAGCAGCCCC CATTTCTGTGTATTTCCTCAGCACCTCCCTGCTTGGCTGCTTCCCCCTTCAGGCAGAACAC AGTACTGCCTCAGACCCCAGGCACAGGGGGCCTTCCTGGCGTGTTTCACTCATACAGAGG GCATCGGGTCCCACCCTGTCACTCATTTCATCGTCTAAAATGTAATCATGTGTGTTTGCT TCGAGCCAGGGACAGTGCTGCTGCAGGGGACCCAGCTGGGACCAAGGCAGACTGTCTCTC CCCTCCTGGGATTTACAGGGTCATGGCTCTGAAACATTCCGTAGTGTTCTTTGGACACGA GTTTTCCCTGGAGATCGCTTTCTGCAGGCTCTTGGTCCTGACTGTGGCTTCTTTTCAGAG GCTGCCATTTCGCTGCAAGGTTGAACACCCCCATGGGCCCTGGACGAACTGTCGTCGTTA AAGGAGAAGTGAATGCCAAAAGCTTTAATGTTGACCTACTAGCAGGAAAATCAA AGGATATTGCTCTACACTTGAACCCACGCCTGAATATTAAAGCATTTGTAAGAAATTCTT TTCTTCAGGAGTCCTGGGGAGAAGAGAGAGAAATATTACCTCTTTCCCATTTAGTCCTG

# Figure 4B

TOPE VENE . CHOKE



# Figure 6

### Galectin10SV.as

### x RatRL30.aa

Dorgont	Similarity:	04 422	Porcont	Tdentity.	71 357
Percent	Similarity:	84.422	Percent	Identity:	/1.35/

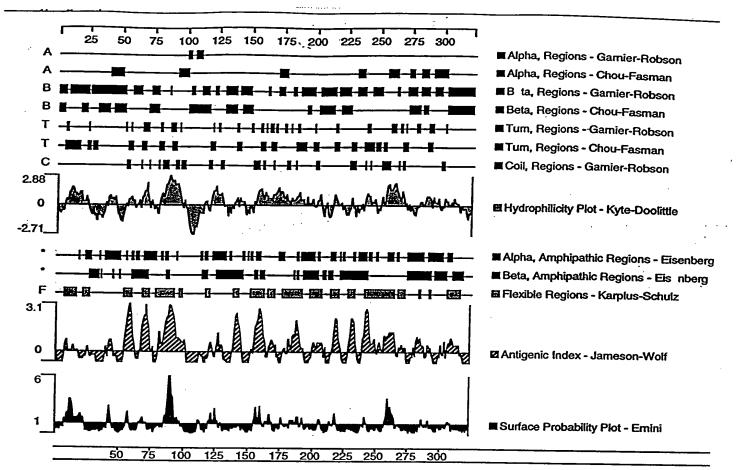
2	MLSINNLQNIIYNPVIPFVGTIPDQLDPGTLIVIRGHVPSDADRFQVDLQ	51
1	MLSLSNLQNIIYNPTIPYVSTITEQLKPGSLIVIRGHVPKDSERFQVDFQ	50
52	NGSSMKPRADVAFHFNPRFKRAGCIVCNTLINEKWGREEITYDTPFKREK	101
51	: . :	100
	SFEIVIMVLKDKFQVAVNGKHTLLYGHRIGPEKIDTLGIYGKVNIHSIGF	
101	SFEIVIMVLKNKFHVAVNGKHILLYAHRINPEKIDTLGIFGKVNIHSIGF	150
152	SFSSDLQSTQASSLELTEISRENVPKSGTPQL.VSIFAWVISCGI	195
151	.       :. . :  :  :  .:  .:  .:  .:: ::::::	200
196	FYKVA 200	
	· 1	
201	VVKCF 205	

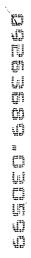
# Figure 7

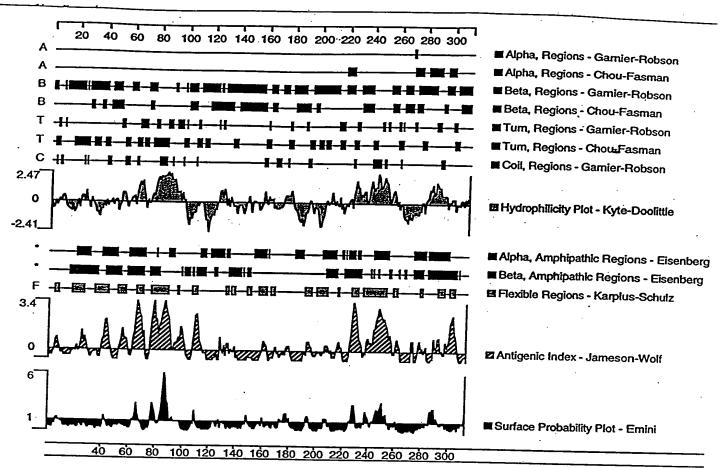
### Galectin10.aa x Galectin10SV.aa

Gal-10	1 MMLSTANIQNITYNPVIPFVGTIPDQLDPGTLIVIRGHVPSDADRFQVDL 50
Gal-10SV	1 MMLSIANIQNIIYNPVIPFVGTIPDQLDPGTLIVIRGHVPSDADRFQVDL 50
•	
Gal-10	51 QNGSSVKPRADVAFHFNPRFKRAGCIVCNTLINEKWGREEITYDTPFKRE 100
Gal-10sv	51 QNGSSMKPRADVAFHFNPRFKRAGCIVCNTLINEKWGREEITYDTPFKRE 100
Gal-10	101 KSFEIVIMVLKDKFQVAVNGKHTLLYGHRIGPEKIDTLGIYGKVNIHSIG 150
Gal-10SV	101 KSFEIVIMVLKDKFQVAVNGKHTLLYGHRIGPEKIDTLGIYGKVNIHSIG 150
	· · · · · · · · · · · · · · · · · · ·
Gal-10	151 FSFSSDLQSTQASSLELTEIVRENVPKSGTPQLSLPFAARLNTPMGPGRT 200
Gal-10SV	151 FSFSSDLQSTQASSLELTEISRENVPKSGTPQLVSIFAWVISCGIFYKVA 200
0-1 10	201 VVVKGEVNANAKSFNVDLLAGKSKDIALHINPRLNIKAFVRNSFIQESWG 250
Gal-10	201 VVVKGEVNANAKSFNVDLLAGKSKDIALHLINPKLINIKAFVKNSFIQESWG 250
Gal-10	251 EEERNITAFPFSPGMYFEMIIYCDVREFKVAVNGVHSLEYKHRFKELSSI 300
Gal-10	301 DTLEINGDIHLLEVRSW 317









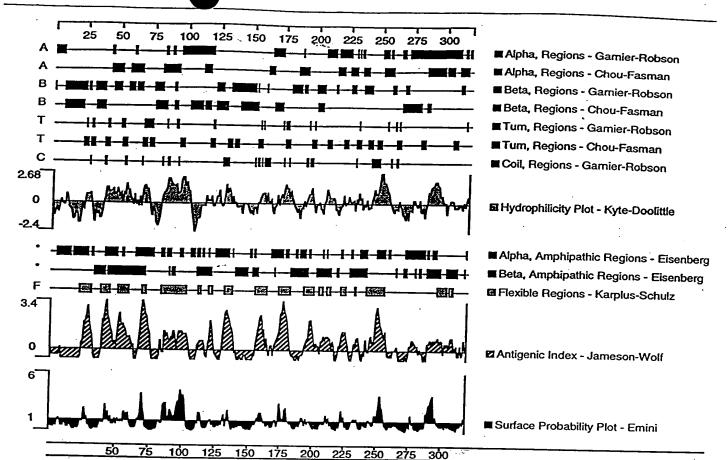


Figure 11

